



IFW16

RAW SEQUENCE LISTING

DATE: 10/22/2004

PATENT APPLICATION: US/08/252,384A

TIME: 11:56:03

Input Set : N:\FATIMA\08252384.txt

Output Set: N:\CRF4\10222004\H252384A.raw

3 <110> APPLICANT: Reactive Surfaces
 4 McDaniel, C. Steven
 6 <120> TITLE OF INVENTION: Recombinant Organophosphorus Acid Anhydrase and Methods of
 Use
 8 <130> FILE REFERENCE: RACT-00200
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/08/252,384A
 C--> 11 <141> CURRENT FILING DATE: 2004-06-01
 13 <150> PRIOR APPLICATION NUMBER: 07/928,540
 14 <151> PRIOR FILING DATE: 1992-08-13
 16 <150> PRIOR APPLICATION NUMBER: 08/252,384
 17 <151> PRIOR FILING DATE: 1994-06-01
 19 <150> PRIOR APPLICATION NUMBER: 07/344,258
 20 <151> PRIOR FILING DATE: 1989-04-27
 22 <160> NUMBER OF SEQ ID NOS: ①
 24 <170> SOFTWARE: PatentIn version 3.2
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 337
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Pseudomonas aeruginosa
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 41 Ser Ser Ala Gly Phe Leu Arg Ala Trp Pro Glu Phe Phe Gly Ser Arg
 42 35 40 45
 45 Lys Ala Leu Ala Glu Lys Ala Val Arg Gly Leu Arg Arg Ala Arg Ala
 46 50 55 60
 49 Ala Gly Val Arg Thr Ile Val Asp Val Ser Thr Phe Asp Ile Gly Arg
 50 65 70 75 80
 53 Asp Val Ser Leu Leu Ala Glu Val Ser Arg Ala Ala Asp Val His Ile
 54 85 90 95
 57 Val Ala Ala Thr Gly Leu Trp Phe Asp Pro Pro Leu Ser Met Arg Leu
 58 100 105 110
 61 Arg Ser Val Glu Glu Leu Thr Gln Phe Phe Leu Arg Glu Ile Gln Tyr
 62 115 120 125
 65 Gly Ile Glu Asp Thr Gly Ile Arg Ala Gly Ile Ile Lys Val Ala Thr
 66 130 135 140
 69 Thr Gly Lys Ala Thr Pro Phe Gln Glu Leu Val Leu Lys Ala Ala Ala
 70 145 150 155 160
 73 Arg Ala Ser Leu Ala Thr Gly Val Pro Val Thr Thr His Thr Ala Ala
 74 165 170 175
 77 Ser Gln Arg Asp Gly Glu Gln Gln Ala Ala Ile Phe Glu Ser Glu Gly
 78 180 185 190

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86      210                215                220
89 Asp His Ile Pro His Ser Ala Ile Gly Leu Glu Asp Asn Ala Ser Ala
90 225                230                235                240
93 Ser Ala Leu Leu Gly Ile Arg Ser Trp Gln Thr Arg Ala Leu Leu Ile
94      245                250                255
97 Lys Ala Leu Ile Asp Gln Gly Tyr Met Lys Gln Ile Leu Val Ser Asn
98      260                265                270
101 Asp Trp Leu Phe Gly Phe Ser Ser Tyr Val Thr Asn Ile Met Asp Val
102      275                280                285
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106      290                295                300
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110 305                310                315                320
113 Ile Thr Val Thr Asn Pro Ala Arg Phe Leu Ser Pro Thr Leu Arg Ala
114      325                330                335
117 Ser

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VERIFICATION SUMMARY

PATENT APPLICATION: US/08/252,384A

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date